APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Effect of the Process of Ionization on the Structure and State Behind a Shock Wave in a Magnetic Field, by P. L. Gusika.
RUSSIAN, per, Magnit Gidro, No 3, 1966, pp 45-54.
NASA TT F-10,829

Sci - Phys
May 67

324,186

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Modern Perspectives of Magnetohydrodynamic Transformation of Energy ina Closed Cycle, by Z. Kruntoryu. RUSSIAN, per. Magnitnaya Gidrodinamika, No 4, 1966, pp 3-10.
FTD-S-~~HT~~- 180-68

Nov 68

354,085

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Quasi-Hydrodynamic Approach to the Problem of Supersonic Plasma Flow Near a Magnetic Dipole, by
M. V. Samokhin, 10 pp.
RUSSIAN, rpt, Magn Gidrodin, No 4, 1966, pp 19-25.
NASA TT F 12600
NTC 72-11793 -20 I

Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

About Optimum Magnetohydrodynamic Generators,
by I. I. Shakhnov, V. T. Shcherbakov.
RUSSIAN, per, Magnitnaya Gidrodinamika ,
No 4, 1966, pp 49-54.
FTD-S-[illegible] 179.68

Jan 69 374,168

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Calculation of Magnetohydro-Dynamic Flow in a Duct With Sectionized Electrodes, by V. A. Kaydalov, Ye. I. Khanzhina, et al. 12 pp. RUSSIAN, per, Magnitnaya Gidrodinamika, No 4, 1966, pp 55-61.
AIR/FTD/MT-24-65-68

Sci/Physics
Feb 69

375,578

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

The Experimental Investigation of the Influence of a Longitudinal Magnetic Field on Convection Heat Transfer During Turbulent Flow of a Conducting Fluid in a Pipe, by D. S. Kovner, Ye. Yu. Krasil'nikov, 11 pp.
RUSSIAN, per, Magnitnaya Gidrodinamika, Vol 2, No 4, 1966, pp 101-106. M100079168-V
FTD-MT-24-189-67

Sci-Phys
May 68

356,328

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Experimental Investigation of an Asynchronous Magnetohydrodynamic Generator with a Liquid Metal Working Body in the Autoexcitation Regime, by V. A. Glukhikh, I. R. Kirillov.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 4, 1966, pp 107-114.
FTD-S-~~259~~ 177-68

Jan 69 374,166

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

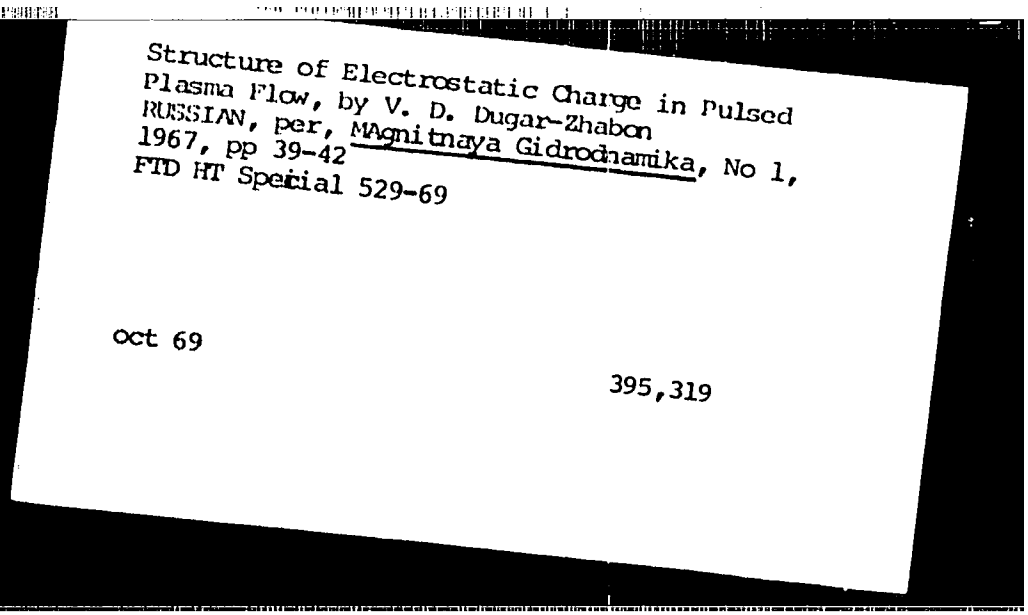
Magnetohydrodynamic Phenomena in an Electric Arc, by G. B. Serdyuk.
RUSSIAN, per, Magnitn Gidrodinam Akad Nauk Latv SSR, No 4, 1966, pp 136-146.
AEC-tr-5252

Sci-Phys
Mar 70

403,205

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



Structure of Electrostatic Charge in Pulsed Plasma Flow, by V. D. Dugar-Zhabon
RUSSIAN, per, MAgnitnaya Gidrodnamika, No 1, 1967, pp 39-42
FTD HT Special 529-69

Oct 69

395,319

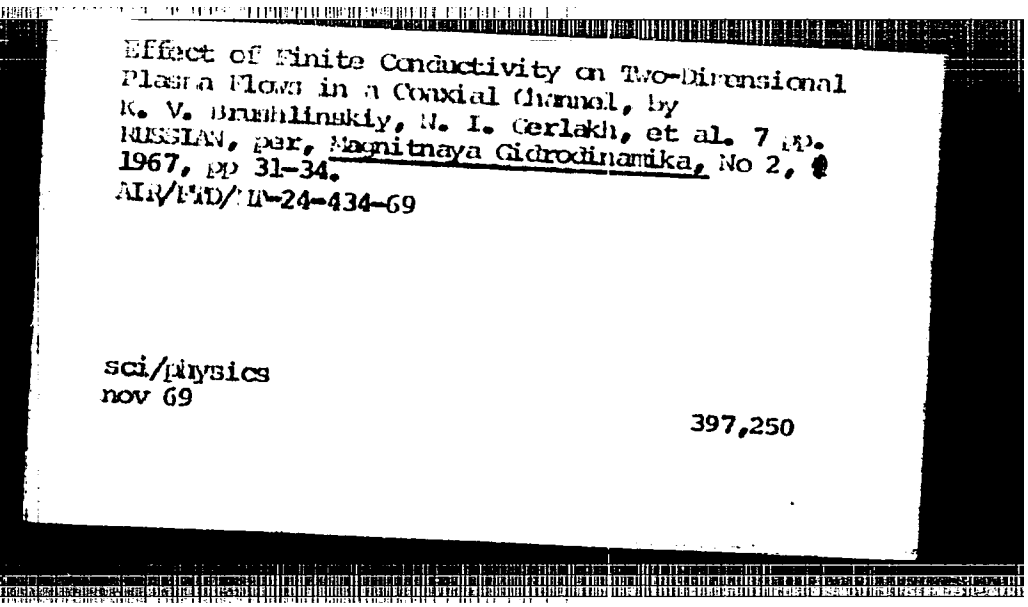
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Certain Questions of the Flow of a Two-Phase Mixture Through the Duct of an Electromagnetic Pump, by Yu. L. Aleksandrov.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 1, 1967, pp 147-149.
FTD-S-~~186~~ 204-68
~~204-68~~

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



Effect of Finite Conductivity on Two-Dimensional Plasma Flows in a Coaxial Channel, by K. V. Brushlinskiy, N. I. Cerlakh, et al. 7 pp. RUSSIAN, per, Magnitnaya Gidrodinamika, No 2, 1967, pp 31-34.
AIR/FTD/TT-24-434-69

sci/physics
nov 69

397,250

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Spatial Effects at Magnetohydrodynamic-
Flows in a Chanel with Sectioned Electrodes,
by B. B. Volvhek, L. R. Starominskiy.
RUSSIAN, per, Magnitnaya Gidrodinamika,
No 2, 1967, pp 43-49.
FTD-S-~~258~~ 125-68

Jan 69

374,167

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Turbulent MGD-Magnetic Hydrodynamic Boundary Layer in the Presence of al Longitudinal Pressure Gradient, by I. P. Ginzburg.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 2, 1967, pp 65-71.
FTD-S-~~125~~ 151-68

Nov 68

354,115

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Optimum Form of a High Elongated Magnetizing Coil of Superconducting Materials, by G. Grinberg, Z. Bandore. 7 pp. RUSSIAN, per, Magnitnaya Gidrodinamika, No 2, 1967, pp 145-148. AIR/FTD/MT-24-433-68

sci/physics
dec 69

397,363

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Survey of Operations of the Polish Nuclear Investigation Institute on Measurements of Certain Physical Parameters of Plasma in Magnetohydrodynamic Generators and in Plasmotrons, by V. Bzhozovskiy.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 3, 1967, pp 3-10.
FTD-S-[redacted] 172-68

Jan 69

374,162

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Physical Interpretation of the Magneto-hydrodynamic Description of a Plasma, by D. A. Frank-Kamenetskiy.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 3, 1967, pp 7-18.
FTD-S-[redacted] 286-68

Mar 69

375,450

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Invariant Solutions of Equations in Magnetohydrodynamics (MHD), by V.P. Koroboynikov.
RUSSIAN, per. Magnitnaya Gidrodinamika, No 3, 1967, pp 55-58.
FTD-S-2[illegible] 28 2-68

Jan 69

373,550

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

On a Steady-State Jet ina Magnetic Field,
by B. V. Yeliseyev.
RUSSIAN, per, Magnitnaya Gidrodinamika,
No 3, 1967, pp 95-98.
FTD-S-3[redacted] 283-68

Mar 69

376,281

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Numerical Calculation of Flow of Electrically Conducting Liquid Between Rough Planes in a Transverse Magnetic Field, by G. G. Branover, G. A. Vitolin'sh. RUSSIAN, per, Magnitnaya Gidrodinamika, No 3, 1967, pp 105-111.
FTD-S-[redacted] 255 68

Mar 69

375,453

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Experimental Determination of the Resistance of Coefficients of Channels with a Turbulent Magnetohydrodynamic Flow Acted Upon by a Moving Magnetic Field, by N. M. Okhremenko.
RUSSIAN, per, Magnitnaya Gidrodimanika, No 3, 1967, pp 119-126.
FTD-S-~~402~~ 38-1-68

Mar 69 376,347

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Investigating Gruop Properties of Equations of Motion of an Incompressible Conducting Liquid, by N. T. Pashchenko.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 4, 1967, pp 60-65, 83-88.
FTD-S-[illegible] 185-69

Apr 69

380,287

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Flat Inundated Turbulent Flow of an Incompressible Conductive Fluid in Magnetic Hydrodynamics, by A. S. Pleshanov. RUSSIAN, per, Magnitn. Gidrodin, No 4, 1967, pp 72-75.
NASA TT F-12,255

Sci-Phys
July 69

388,571

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

The Problem of a Three Dimensional Boundary Layer in Magnetohydrodynamics, by Ye. V. Sidorchin.
6 pp.
MOSCOW, Izv, Akademiya Nauk SSSR, Mekhanika Zhidkosti i Gaza, No 4, 1967, pp 76-79.
AIR/FTD/MT-23-978-68

sci/ physics
sept 69

391,036

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

A Comparison of Magnetic Systems for Producing Strong Large-Volume Fields, by Ye. L. Zaremba, Ye. I. Yantovskiy.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 4, 1967, pp 124-134.
AIR/FTD/MT-24-375-68

Sci-Phys
Apr 69

379,537

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

One-dimensional Flow of a Magnetized Fluid,
by Ye. I. Yantovskiy. 11 pp.
RUSSIAN, per, Magnitnaya Gidrodinamika, Vol 4,
1968, pp 3-9.
NASA TT F-12,404

Sci-Phys
Set 69

392,926

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Ohm's Law for a Partially Ionized Plasma in Crossed Electric and Magnetic Fields at High Diffusion Rates, by Ye. P. Vaulin. 10 pp. RUSSIAN, per, Magnitn. Gidrodinam. Vol 4, 1968, No 1 pp 9-14.
NASA TT F 12,945
FTD-MT-24-69

sci/physics
may 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

The Collision of a Hydromagnetic Shock Wave with a Plane Barrier in Infinitely Conducting Inert and Reactive Media, by Yu. N. Denisov, V. V. Proshkin.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 1, 1968, pp 15-19.
FTD-S-~~374~~
HT-13-69

Mar 69

375,455

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

The Electrode Boundary Layer and Its Effect on the Efficiency of Energy Transformation in a Magnetohydrodynamic Channel, by S. M. Apollonskiy, Yu. P. Kos'kin.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 1, 1968, pp 33-40.
FTD-S-[illegible]

HT. 14-69

Mar 69 375,456

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Experimental Study of a Laminar MHD Flow of an Incompressible Fluid in a Diffuser, by I. K. Kukin.
RUSSIAN, per, Magnitnaya Gidrodinamika, No 1, 1968, pp 57-64.
FTD-S-[redacted]

HT-16-69

Mar 69 376,305

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Distribution of Flow Rate in a Rectangular Pipe, Long Side Soction Arrangement in a Crossed Magnetic Field, by G. G. Branover.
RUSSIAN, per, Magnitnaya Gidrodinamika,
Vol 4, 1968, pp 65-67.
NASA TT F-12,009

Sci-Phys
Mar 69

378,597

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

About the Resistance Ata Flow of Liquid Metal in a Magnetic Field., by, L.A. Vulis, T.A. Paramonova, and B. A. Fomenko.
RUSSIAN, per. Magnitnaya Gidrodinamika, No 1, 1968, pp 68-74.
FTD-S-

AT 6 - 67

Feb 69

574,277

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Electrical Field in an MGD-Channel of a Rectangular section with Semiterminal Electrodes, by M. M. Ignatenko.
RUSSIAN, per, Magnitnaya Gidrodinamika, Vol 4, No 1, 1968, pp 80-84.
NASA TT F-12,010

Sci-Phys
Mar 69

377,547

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Conductivity of Charged Plasma in a Magnetic Field, by A. S. Plashanov.
RUSSIAN, per, Magnitnaya Gidrodinamika, Vol 4, 1968, pp 93-97.
FTD HT Special 628-69

feb 70

401,015

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Development of a Magnetohydrodynamic Boundary Layer on a Rotating Body, by I. Pop.
RUSSIAN, per, Magnitnaya Gidrodinamika, Vol 5, Oct-Dec 1969, pp 39-45.
FTD HT Special 357-70

Sci-Mat
Dec 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Turbulene Hartmann Flow, by G. G. Branover, RUSSIAN, per, Magnitnaya Gidrodinamika, Vol 5, 1969, pp 61-67.
FTD HT Special 629-69

jan 70

400,952

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Design of a MHD Generator With an Electric Conductivity Waveform at Small Magnetic Reynolds Numbers, by L. A. Zaklyazminskiy, S. S. Katsnelson. RUSSIAN, per, Magnitnaya Gidrodinamika, Vol 5, 1969, pp 77-85.
FTD HT Special 629-69

jan 70

400,951

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

MHD-Characteristics of Some Mechanical Methods of Velocity Measurement, by A. G. Shtern. RUSSIAN, per, Magnitnaya Gidrodinamika, Vol 5, 1969, pp 148-150.
FTD HT Special 629-69

jan 70 400,950

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

A. A. Kulandin

Theory of a pulsed plasmoid accelerator. 6 pp.
RUSSIAN, Magnitnaya gidrodinamika, No 2, 1970,
pp 139-141
AIR/FTD-HT-23-517-72

nov 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

K. Donskoy

Selection of optimal conditions at the channel inlet of a MHD-generator. 7 pp. RUSSIAN, Magnitnaya gidrodinamika, Vol 6, No 4, 1970, pp 101-105
AIR/FTD-HC-23-957-72

oct 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

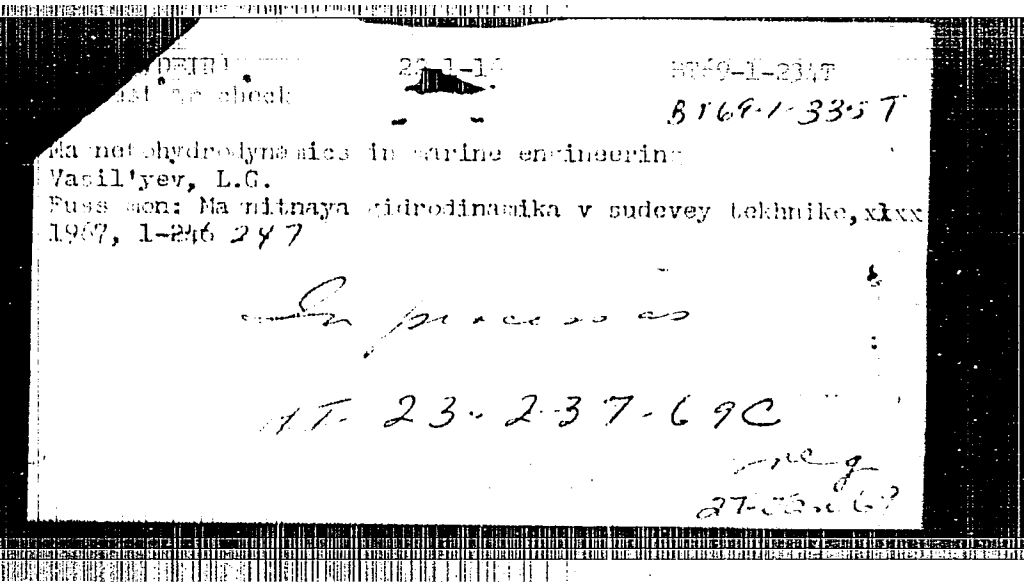
REQ TR CHECK 7-2-7 TBL+

STABILITY OF MOTION OF A SHAFT IN A RADIAL MAGNETOHYDRODYNAMIC BEARING
TARAPOV I YE
UR: MAGNITNAIA GIDRODINAMIKA, v 6, Oct-Dec 1970, pp 132-138.

On Process
HS-72-23-0499
Negative 10 Mar 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



[illegible] 2[illegible]-1-[illegible] M69-1-247
[illegible] check B169-1-335T

Magnetohydrodynamics in marine engineering
Vasil'yev, L.G.
Russian: Magnitnaya gidrodinamika v sudovoy tekhnike, xkxx
1967, 1-246 247

[illegible]

AT 23-2-37-69C

[illegible]
27-23.69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Magnetic Measurements in Experiments With Models,
by E. M. Dubinin. 24 pp.
RUSSIAN, rpt, Magnitnyye Izmereniya V Modelnykh Eksperimentakh.
NASA TT F 13734

Oct 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

The Injection of Particles into a Mirror Trap with an Increasing Field in the Mirrors Through a Magnetic Trap of Cusp Configuration, by K. D. Sinel'nikov, N. A. Khizhnyak, et al 15 pp RUSSIAN, per, AN UKRSSR, Magnitnyye Lovushki, 1965, pp 5-18.
AIR/FTD/MT-23-539-68

sci/physics
apr 70

405,854

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Studying the Energy of Charged Particles in a Magnetic Trap, by B. S. Akshanov. 5 pp.
RUSSIAN, per, AN UKRSSR. Magnitnyye Lovushki, 1965, pp 35-40.
FTD S-784

459-69

aug 69 388,556

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Case of Precise Resonance During Movement of Charges in a Slowly Varying Spatially Modulated Magnetic Field, by R. I. Kovtun. 8 pp
RUSSIAN, per. AN UkrSSR, Magnitnyye Lovushki, 1965, pp 71-78. P10010368-V
FTD-HT-23-826-67

Sci/Phys
June 68 359,313

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

A Supersonic Hydrogen Jet in a Vacuum, by
V. N. Yufferov, V. A. Kovalenko, et al. 4 pp.
RUSSIAN, Lk, Al UKRSR, Magnitnyye Lovushki,
1965, pp 113-115.
AIR/FTD/MT-23-539-68

sci/physics
apr 70

405,855

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Using Microwave Refraction to Determine the Spatial Density Distribution of a Plasma, by L. A. Dushin, V. I. Kononenko, et al. 12 pp RUSSIAN, Mc, AN UKRSSR, Nauchnyye Zapiski, 1965, pp 179-188.
AIR/FTD/MT-23-539-68

sci/physics
apr 70 405,856

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

A Spectroscopic Investigation of the Interaction between Beams of Charged Particles and a Plasma, by Ya. V. Lifshits, A. K. Berezin, et al. 16 pp RUSSIAN, bk, AN UKRSSR, Kompitnyye Lovushki, 1965, pp 207-221.
AIR/FTD/MP-23-539-68

sci/physics

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Magnetic Traps, by K. D. Sinelnikov.
RUSSIAN, bk, Magnitnye Lovushki, Vol 3, 1968,
pp 1-74, 147-236.
*AEC

Sci/Phy
Feb 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Magnetohydrodynamic Method of Producing Electrical Energy, Part I, 206 pp.
RUSSIAN, bk, Magnitogidrodinamicheskiy Metod Polucheniya Elektroenergii, Moscow, 1972, 3[illegible] pp.
JPRS 57940-1

Jan 73

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

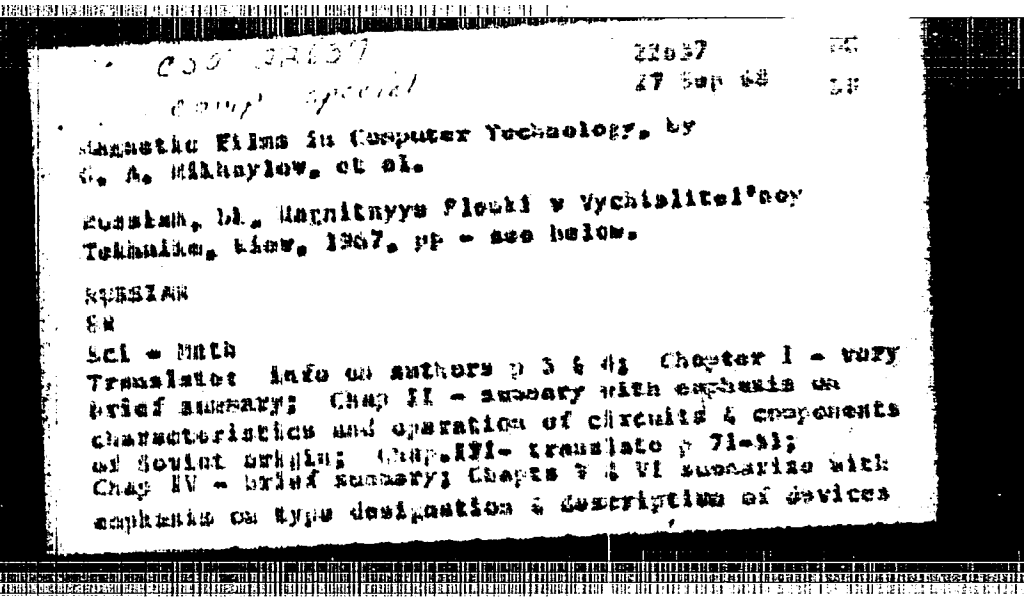
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Magnetohydrodynamic Method of Producing Electrical Energy, Part II, 208 pp.
RUSSIAN, bk, Magnitogidrodinamicheskiy Metod Polucheniya Elektroenergii, Moscow, 1972, 350 pp.
JPRS 57940-2

Jan 73

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



C55 32157
comp Special

22057
27 Sep 68

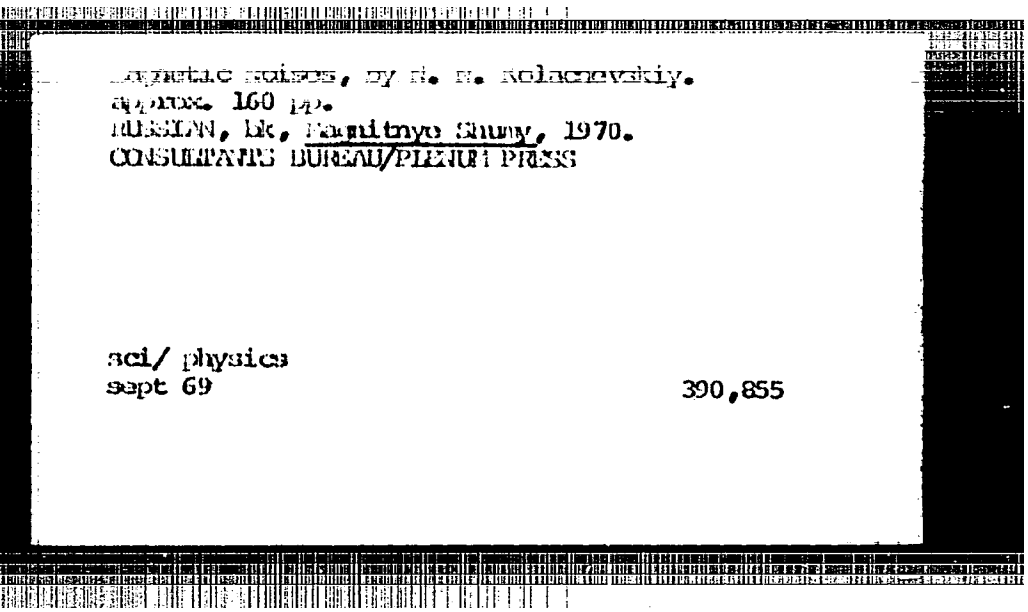
Magnetic Films in Computer Technology, by
G. A. Mikhaylow, et al.

Russian, Ml., Mgnitnyye Pleonki v Vychislitel'noy
Tekhnike, Kiev, 1967, pp - see below.

RUSSIAN
SM
Sci - Math
Translator Info on authors p 3 & 4; Chapter I - very
brief summary; Chap II - summary with emphasis on
characteristics and operation of circuits & components
of Soviet origin; Chap.III- translate p 71-91;
Chap IV - brief summary; Chapts V & VI summarize with
emphasis on type designation & description of devices

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

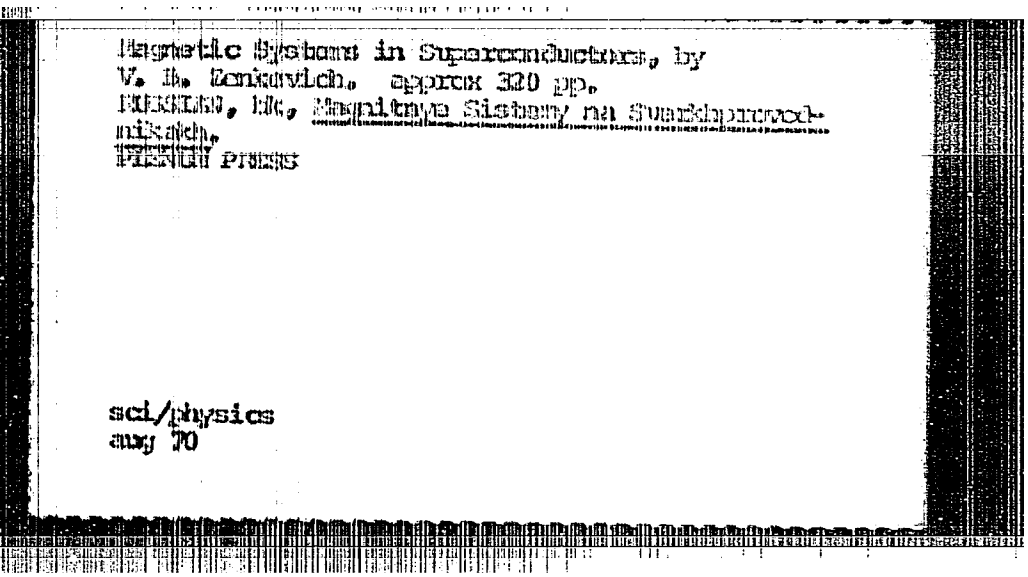


Magnetic noises, by N. N. Kolachevskiy.
approx. 160 pp.
RUSSIAN, bk, Nauchnyye Knigy, 1970.
CONSULTANTS BUREAU/PLENUM PRESS

sci/ physics
sept 69 390,855

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



Magnetic Systems in Superconductors, by
V. B. Zenkevich. approx 320 pp.
RUSSIAN, ltd, Magnitnye Sistemy na Sverkhprovodnikakh.
Plenum Press

sci/physics
aug 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

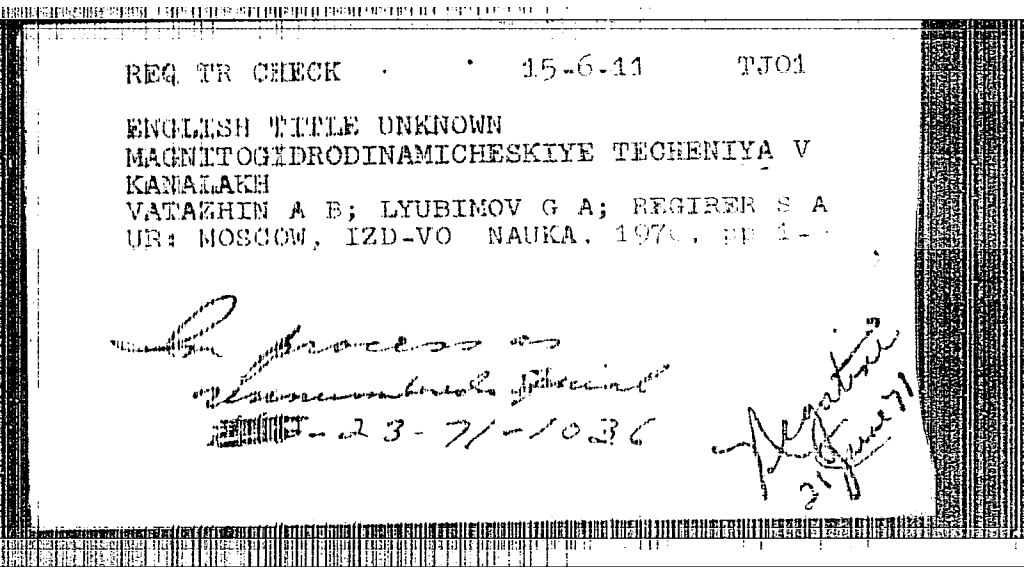
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Magnetic Survey of Oceans:
Geomagnetism, by M. M. Ivanov.
RUSSIAN, bk, Magnitnaya S"yemka
Okeanov: Geomagnetism, 1966, 184 p.
NASA TT F-11,471

Sci/Earth Sci 369,038
Oct 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



REQ TR CHECK 15-6-11 TJ01

ENGLISH TITLE UNKNOWN
MAGNITOGIDRODINAMICHESKIYE TECHENIYA V KANALAKH
VATAZHIN A B; LYUBIMOV G A; REGIRER S A
UR: MOSCOW, IZD-VO NAUKA, 197[illegible], pp 1-[illegible]

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

DC

20896

7 Jan 69 SF

Magnetic Digital Elements by M.A.Rasenblat (ed.)

Russian, book, Magnitnyye tsifrovyye elementy,
Moscow, 1968, pp 297-298
Special Type"B":Special Type"B":Translator's draft
plus one,

pp-o.k. to mutilate,

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Magnesium and Its Alloys, by M. A. Eydenzon, 7 pp.
RUSSIAN, bk, Nauka, Moscow, 1969, pp 228-235.
JPRS 51761

Sci-Mat
Nov 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Chapter 1: General Information, by
V. V. Kodymakin, V. E. Geger, 7 pp.
RUSSIAN, bk, Magniyotermicheskoye Proizvodstvo
Gubchatogo Titana, Moscow, 1971, pp 11-13.
JPRS 55596

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Chapter 2: Preparation of Titanium Tetrachloride for Reduction, by V. V. Rodyakin, V.E. Gogor, 17 pp.
RUSSIAN, bk, Magniyetermicheskoye Proizvodstvo Gubchatogo Titana, Moscow, 1971, pp 25-45.
JPRS 55596

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Chapter 4: Theoretical Principles of Reduction of Titanium by Magnesium and Vacuum Separation of the Reaction Mass, by V. V. Rodyakin, V. E. Gegor, 22 pp.
RUSSIAN, bk, Magniyotermicheskoye Proizvodstvo Gubchatogo Titana, Moscow, 1971, pp 87-112.
JPRS 55596

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Chapter 6: Equipment for Magnesiothermic Production of Sponge Titanium, by V.V. Rodyakin, V. E. Gegor, 13 pp.
RUSSIAN, bk, Magniyetermicheskoye Proizvodstvo Gubchatogo Titana, Moscow, 1971, pp 121-160.
JPRS 55596

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Chapter 7: Technology of Magnesiothermic Production of Sponge Titanium, by V. V. Rodyakin, V. E. Goger, 31 pp.
RUSSIAN, bk, Magniyotermicheskoye Proizvodstvo Gubchatogo Titana, Moscow, 1971, pp 161-198.
JPRS 55596

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Chapter 8: Means of Improving the Magnesiothermic Production of Titanium, by V. V. Rodyakin, V. E. Geger, 7 pp.
RUSSIAN, bk, Magniyetermicheskoye Proizvodstvo Gubchatogo Titana, Moscow, 1971, pp 198-207.
JPRS 55596

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Use of Magnesiothermy for Reduction of Various Metals and Alloys, by G. V. Samsonov, V. P. Perminov, 80 pp.
RUSSIAN, bk, Magniyetermiya, Moscow, 1971, 174 pp.
JPRS 57138

Oct 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

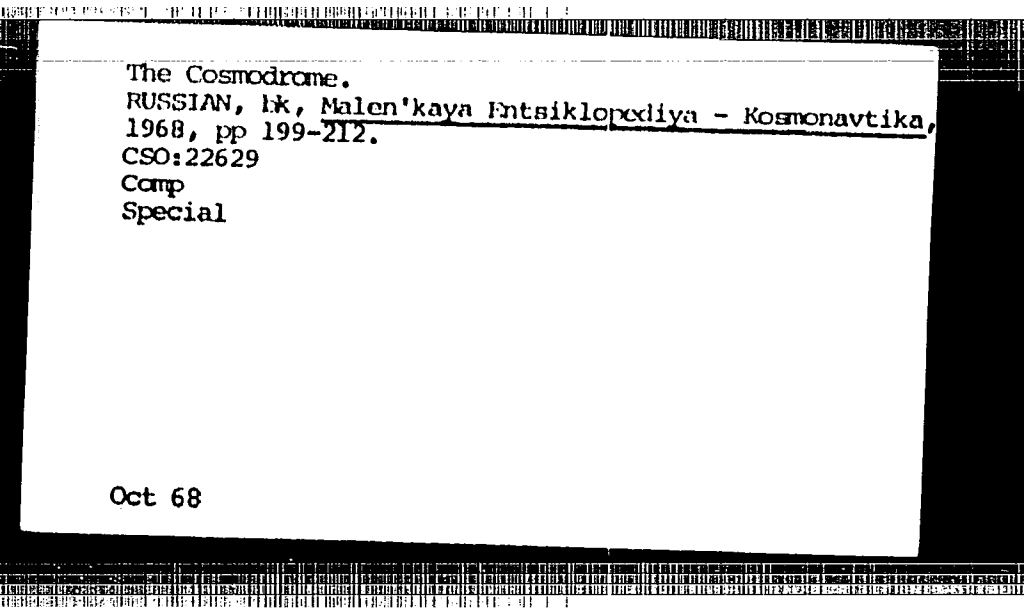
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Geophysical Parameters of Hydrocarbon-Bearing Sandstones Consisting of Sand, Silt and Clay, by Z. Barlai.
RUSSIAN, per, Magyar Geofizika,
Vol 10, 1969, pp 122-127
NTC 72-12275-08G

July 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



The Cosmodrome.
RUSSIAN, bk, Malen'kaya Entsiklopediya - Kosmonavtika, 1968, pp 199-212.
CSO:22629
Comp
Special

Oct 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

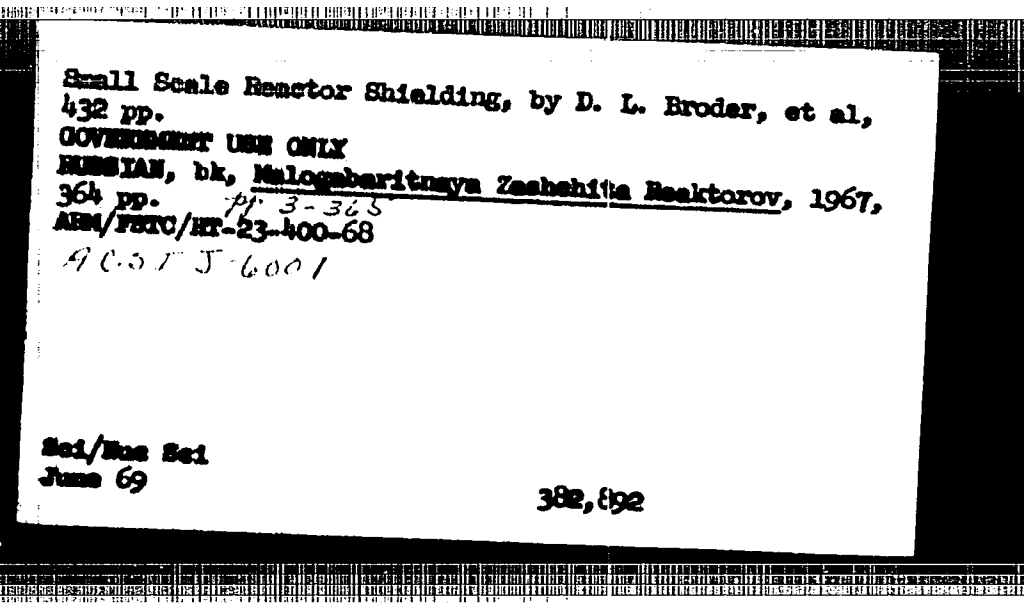
The Soviet Encyclopedia of Space Flight, by G. V. Petrovich. 620 pp.
RUSSIAN, bk, Malen'kaya Entsiklopediya - Kosmonavtika, 1968, pp 1-528.
AIR/FTD-HT-23-1335-68

FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN THE DEPARTMENT OF DEFENSE THIS DOCUMENT IS NOT RELEASABLE TO DEFENSE DOCUMENTATION CENTER

NOV 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



Small Scale Reactor Shielding, by D. L. Broder, et al,
432 pp.
GOVERNMENT USE ONLY
RUSSIAN, bk, Malogabaritnaya Zashchita Reaktorov, 1967,
364 pp. pp. 3-363
AEM/FSTC/HT-23-400-68
AC51J-6001

Sci/Mac Sci
June 69

382,892

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Small Size Sources of Current, 186 pp.
RUSSIAN, per. Malogabaritnyye Istochniki Toka, 1970.
ACSI-K-0677
FSTC-HT-23-228-72

Dec 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Miniature Computers, by S. A. Mayorov, and G. I. Novikov. 149 pp.
RUSSIAN, per, Malogabaritnyye Vychislitel'nyye, 1967, pp 20-41, 71-77, 80-95, 108-139, 142-208, 232-234.
AIR/FTD-HC-23-642-70

p 2, 3-7, 232-233 (numbered items 1-27 inclusive)
JPRS CSO 16235

Aug 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Low-Noise Ultrahigh Frequency (UHF) Amplifiers, by M. S. Shutenko, 132 pp.
RUSSIAN, bk, Malosbumyashchiye Usiliteli Svch, 1966, pp 1-151. P100168468-V
FTD-HT-23-1178-67

Sci/Elect & Elect Engr
Aug 68 363,054

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

The Minor Planets, by N. S. Samoilova-Yakhontova.
RUSSIAN, bk, Malye Planety, 1973, 480 pp.
*IPST

Sept 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

V. Yu. Migel'

The minor planets. 101 pp.
RUSSIAN, bK, Malyye Planety, 1969
NASA TT F 700-72

June 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Maneuvering of Space Vehicles, by K. B. Alekseyev, 512 pp.
RUSSIAN, bk, Manevrirovaniye Kosmicheskikh Apparatov, Izd-vo Mashinostroyeniye, Moscow, 1970, pp 1-416.
AIR/FTD/MT-24-29-71

Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Manuever in Combined Arms Combat, by
Yu. Z. Novikov, F. D. Sverdlov, 102 pp.
RUSSIAN, bk, Manevr V Obshchevoyskovom Boyu,
1967.
ACSI J-8454
ID 2204011070

USSR/Mil
Dec 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

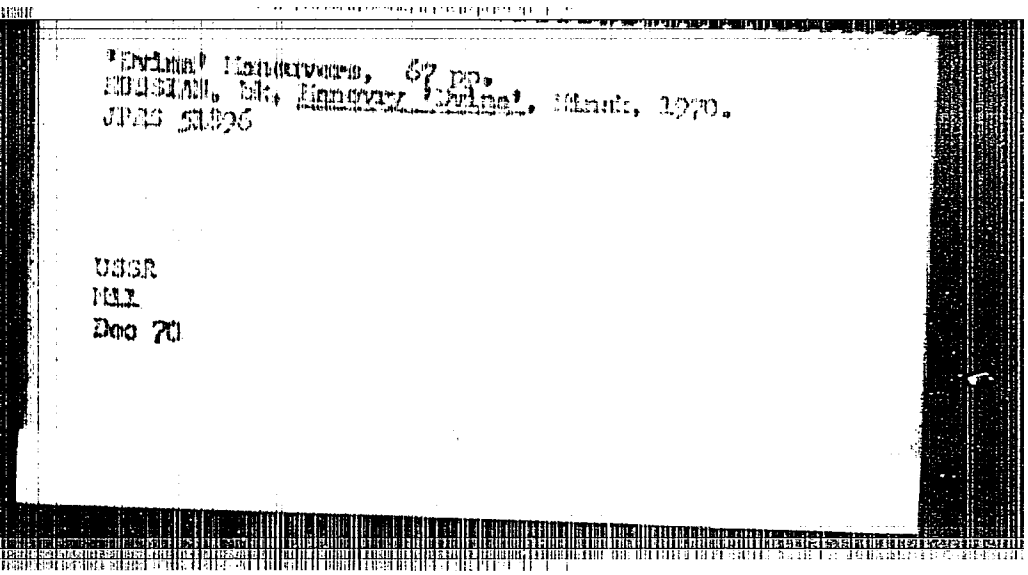
Maneuver in Combined-Arms Combat, by
Maj. Gen. Yu. Z. Novikov, 5 pp.
RUSSIAN, bk. Manevr v Obshchevoyskovom
Boyu, Moscow, Military Publishing House,
Ministry of Defense, 1967, pp. 2-5; 1340136.
JPRS 43,793

USSR
Military
Dec 67

347,709

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Catalytic Combustion of Carbon Monoxide in Gasoline Engine Exhaust Using Manganese Catalysts, by V.I. Chagunava, 53 pp.
RUSSIAN, per. Margantsevyye Katalizatory Dlya Nekotorykh Reaktsiy, Chapter 4, 1969, pp 128-174.
ACSI-K-1952
FSTC-HT-23-1248-72

May 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

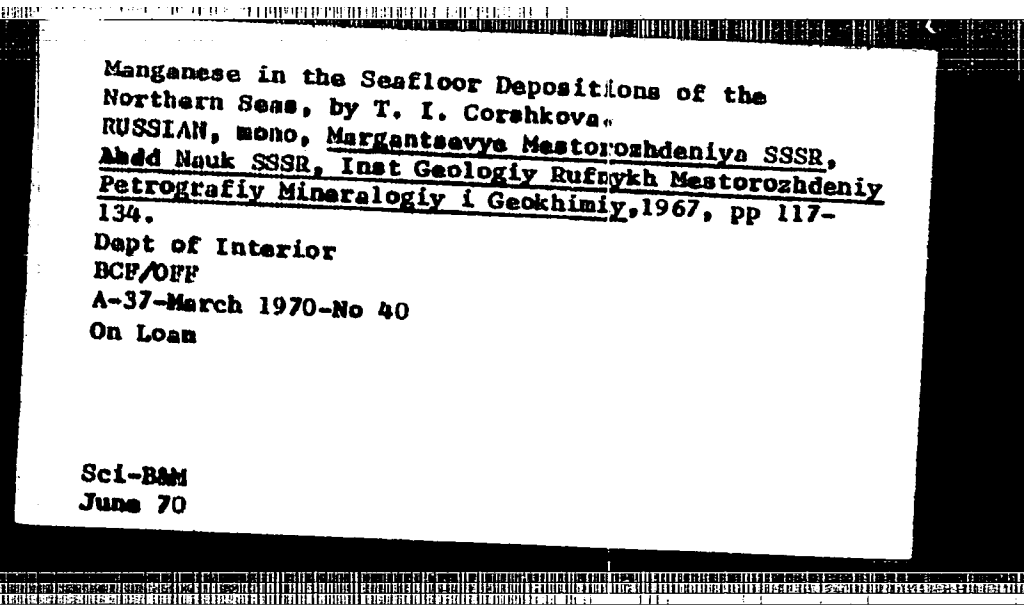
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Manganese Deposits of the Soviet Union, by
D. G. Sapozhnikov. 522 pp.
RUSSIAN, bk, Margantsevye Mestorozhdeniya SSSR,
1967.
CFSTI TT 69-55030

Sci-Ear Sci
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

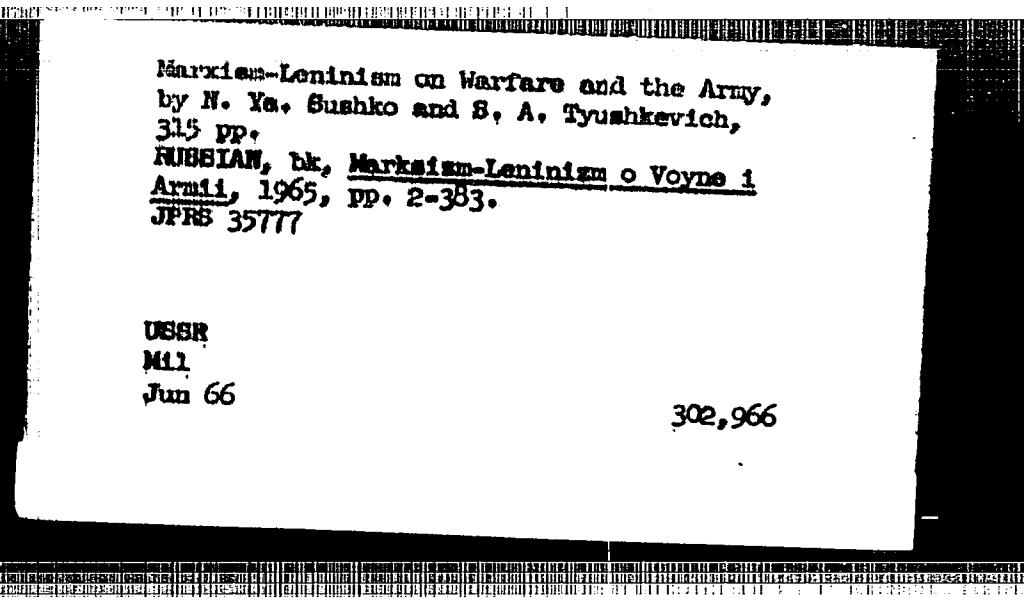


Manganese in the Seafloor Depositions of the Northern Seas, by T. I. Corshkova.
RUSSIAN, mono, Marganteevye Mestorozhdeniya SSSR, Akdd Nauk SSSR, Inst Geologiy Rudnykh Mestorozhdeniy Petrografiy Mineralogiy i Geokhimiy,1967, pp 117-134.
Dept of Interior
BCF/OFF
A-37-March 1970-No 40
On Loan

Sci-B&M
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



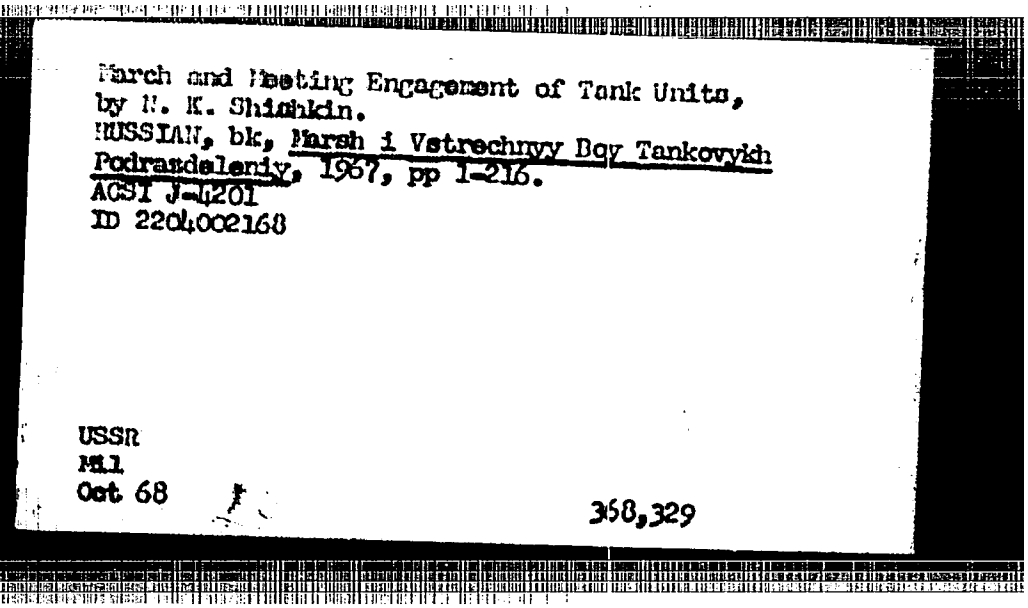
Marxism-Leninism on Warfare and the Army,
by N. Ya. Sushko and S. A. Tyushkevich,
315 pp.
RUSSIAN, bk, Marksizm-Leninizm o Voyne i
Armii, 1965, pp. 2-383.
JPRS 35777

USSR
Mil
Jun 66

302,966

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



March and Meeting Engagement of Tank Units,
by N. K. Shishkin.
RUSSIAN, bk, Marsh i Vstrechnyy Boy Tankovykh
Podrazdeleniy, 1957, pp 1-216.
AGSI J-4201
ID 2204002168

USSR
Mil
Oct 68

368,329

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Soviet Organic Chemist Martin Izrailevich Kabachnik, by T.A. Mastryukovaya and R.I. Goryachevaya, 65 pp.
RUSSIAN, bk, Martin Izrailevich Kabachnik, Nauka Publishing House, Moscow, 1967, pp. 3-81.
JPRS 44,130

Sci-Chemistry
Jan 68

348,056

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Theoretical Principles of Instruction in Diagnostic Systems, by M. L. Bykhovskiy.
RUSSIAN, per, Mashinnaya Diagnostika i Informatsionnyy Poisk v Meditsine, No 4, pp 51-68.
MIT/Lin Lab
(8)-AZT-69-495-RULL
Avilable NTC

Jan 70

400,309

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Use of Computers for Diagnosing Mechanical Jaundices, by A. A. Vishnevskiy.
RUSSIAN, per, Mashinnaya Diagnostika i Informatsionnyy Poisk v Meditsine, No 4, pp 51-68.
NIH/Lin Lab
(9)-ZAT-69-496-RULL
Available NTC

Jan 70

400,310

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Flow Chart of Diagnostic Tests, by
M. L. Rykhovskiy.
RUSSIAN, per, Mashinnaya Diagnostika i Informatsionnyy Poisk v Meditsine, No 5, pp 68-73.
NLM/Lln Lab
(5)-69-492-NLL
Available NLC

Jan 70

400,306

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

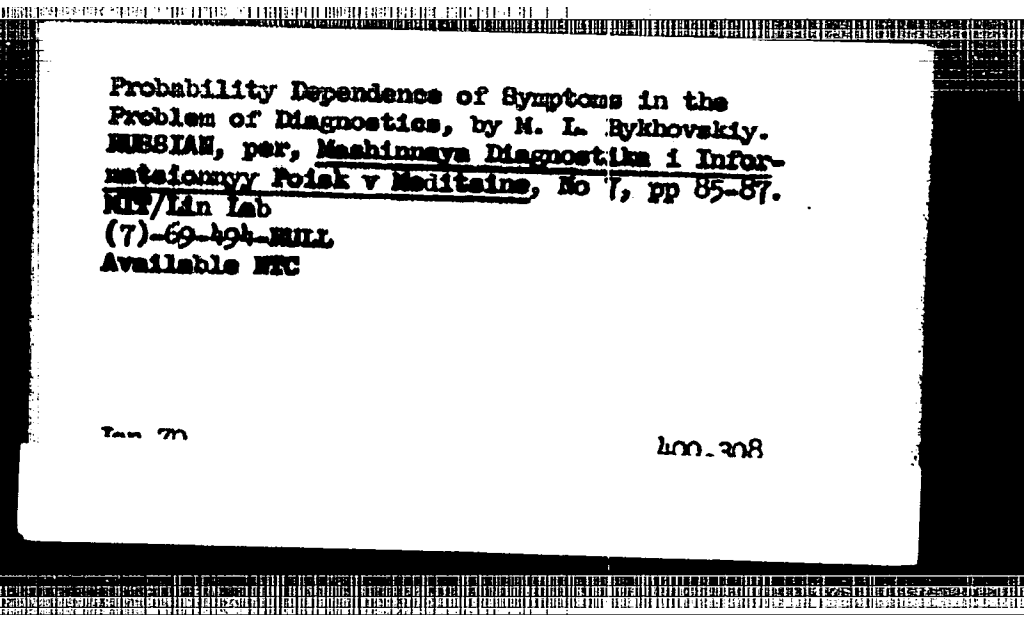
Program System for Diagnostics and Information Evaluation of Tests, by A. I. Kurochkina.
RUSSIAN, per, Mashinnaya Diagnostika i Informatsionnyy Poisk v Meditsine, No 5, pp 74-84.
MIT/Lin Lab
(6)-69-493-NULL
Available MIC

Jan 70

400,307

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



Probability Dependence of Symptoms in the Problem of Diagnostics, by M. L. Rykhovskiy. RUSSIAN, per, Mashinnaya Diagnostika i Informatsionnyy Poisk v Meditsine, No 1, pp 85-87.
NIH/Lin Lab
(7)-69-494-NULL
Available NTC

Jan 70

400-308

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

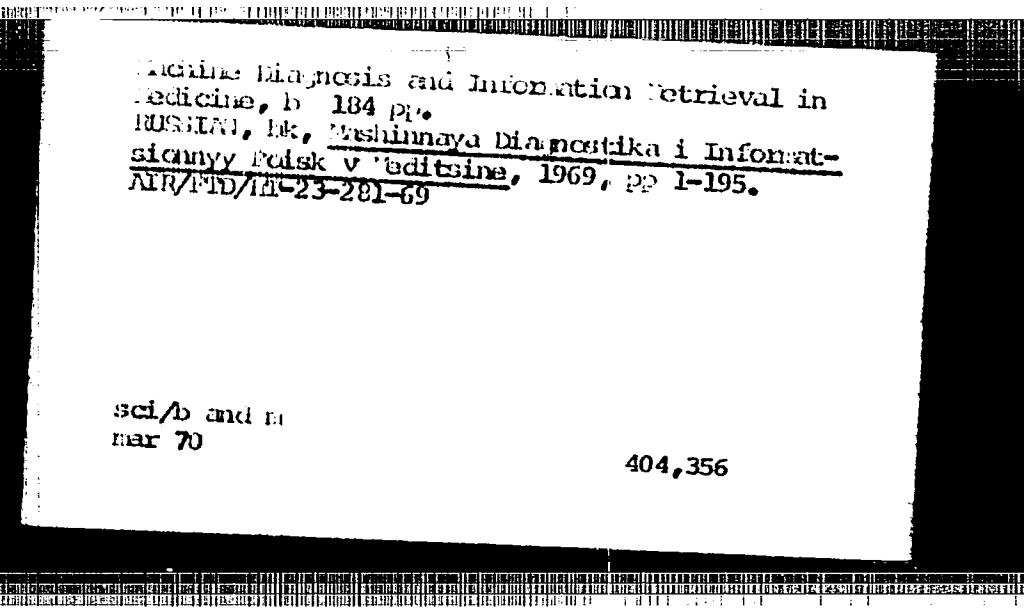
Diagnosis of Stomach Ailments Using Computers,
by A. A. Vishnevskiy, M. L. Bykhovskiy.
RUSSIAN, per, Mashinnaya Diagnostika i Informatsionnyy Poisk v Meditsine, No 12, pp 122-132.
NLM/Lin Lab
(4)-69-491-NULL
Available NLC

Jan 70

400,305

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



Machine Diagnosis and Information Retrieval in Medicine, b 184 pp.
RUSSIAN, Bk, Mashinnaya Diagnostika i Informatsionnyy Poisk v Meditsine, 1969, pp 1-195.
AIR/FTD/HT-23-281-69

sci/b and m
mar 70

404,356

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

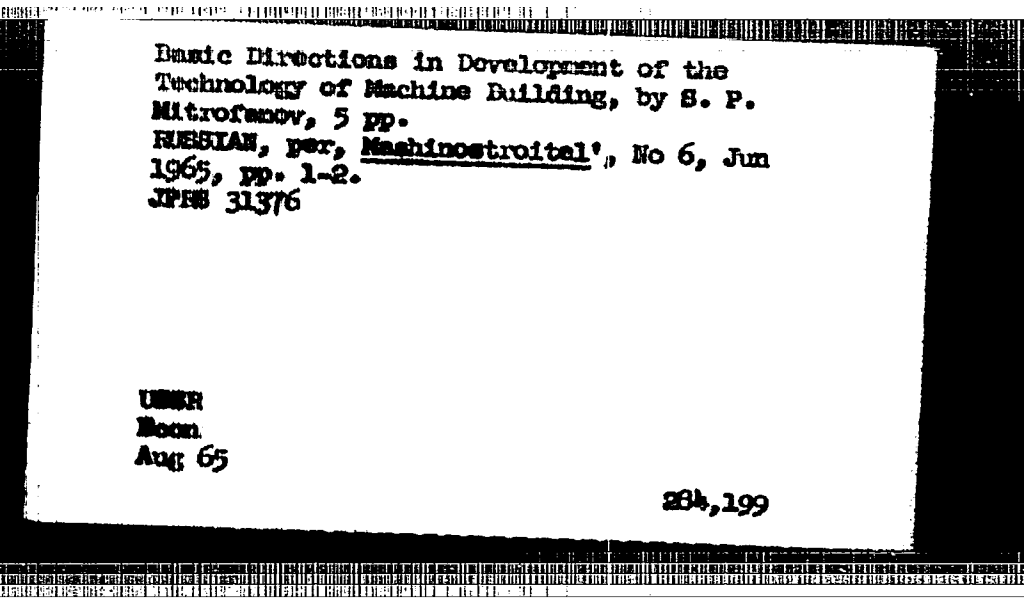
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

Machine Graphics, by Yu. M. Bayakovskii.
RUSSIAN, rpt, Mashinnaya Grafika, 1970,
NTC-71-10413-09B

Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



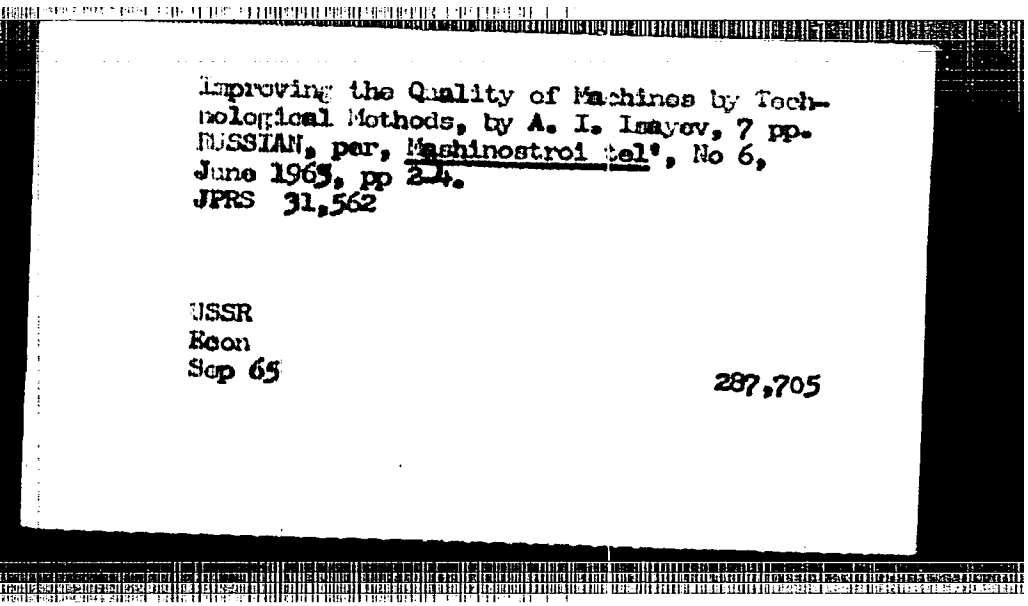
Basic Directions in Development of the Technology of Machine Building, by S. P. Mitrofanov, 5 pp.
RUSSIAN, per, Mashinostroitel', No 6, Jun 1965, pp. 1-2.
JPRS 31376

USSR
Econ
Aug 65

284,199

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



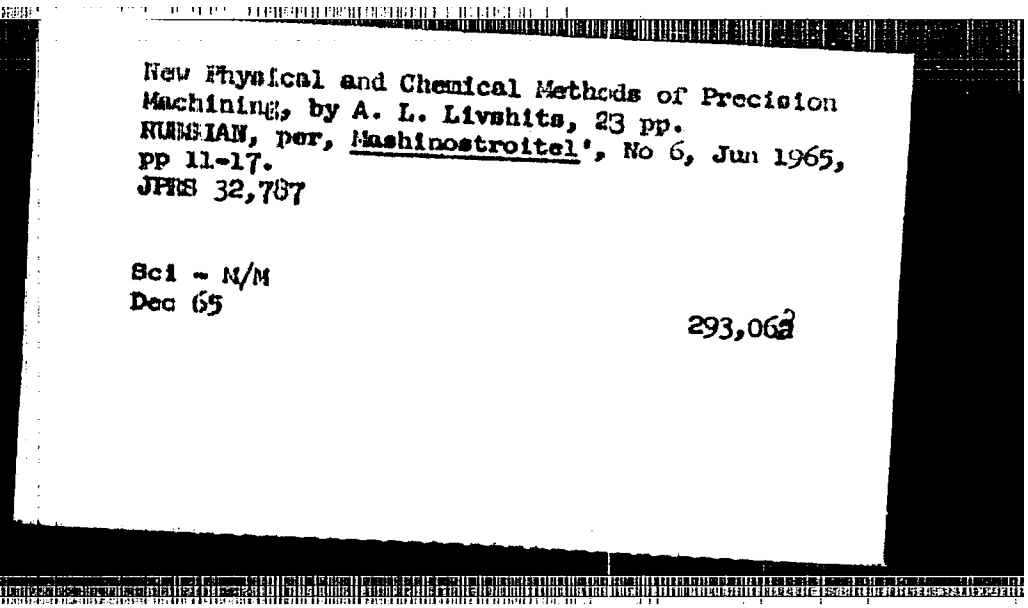
Improving the Quality of Machines by Technological Methods, by A. I. Imayev, 7 pp. RUSSIAN, per, Mashinostroi tel', No 6, June 1965, pp 23-24.
JPRS 31,562

USSR
Econ
Sep 65

287,705

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1



New Physical and Chemical Methods of Precision Machining, by A. L. Livshits, 23 pp.
RUSSIAN, per, Mashinostroitel', No 6, Jun 1965, pp 11-17.
JPRS 32,787

Sci - M/M
Dec 65

293,062

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300960045-1